



*Mystic Air Quality Consultants, Inc.*  
*1204 North Road, Groton, Connecticut 06340*  
*mysticairquality.com      mystic@airquality.com      800.247.7746*

April 10, 2005

Jaquelyn Brown  
Department of Public Works  
State of Connecticut  
Hartford, Connecticut

jaquelyn.brown@po.state.ct.us

Re: Mold Abatement Monitoring, 25 Sigourney Street, Hartford, CT

Dear Jackie,

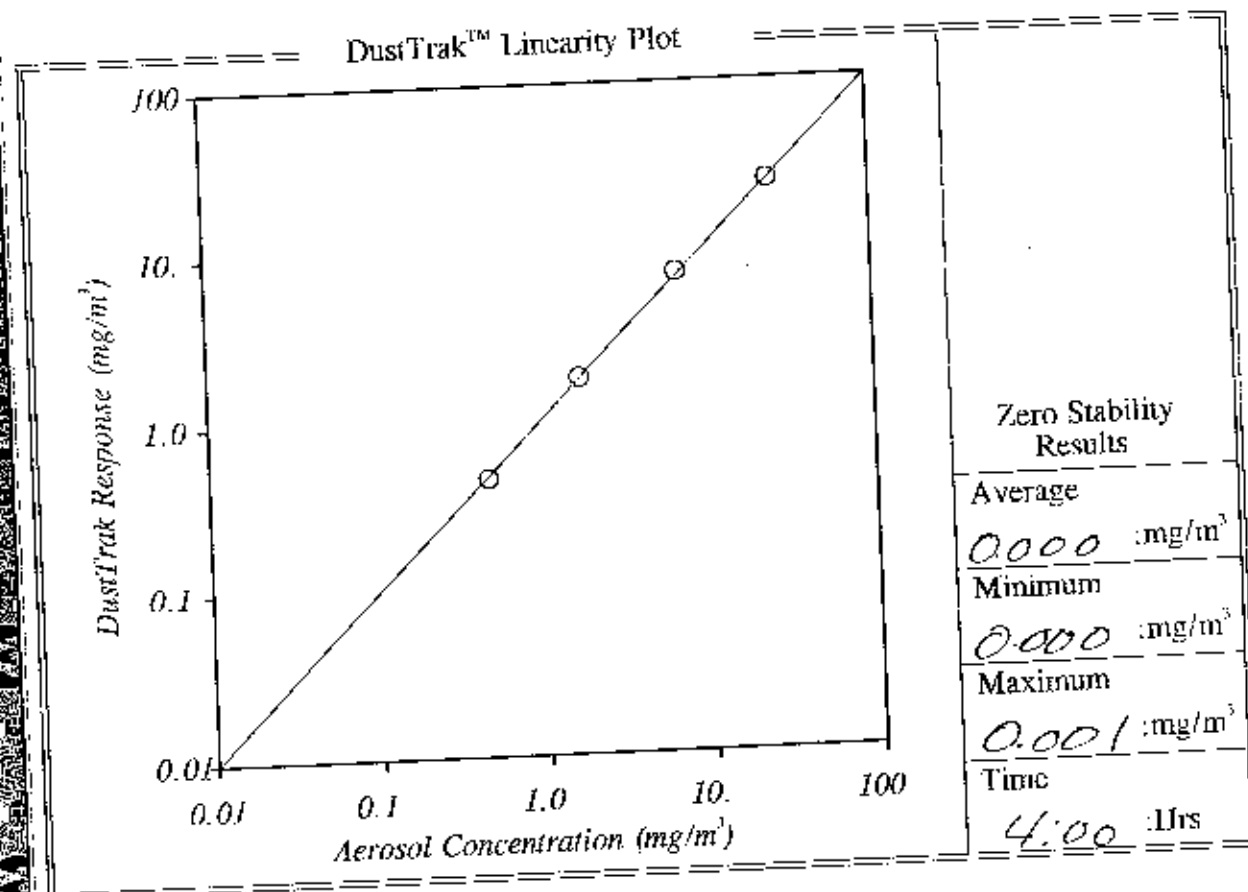
Mystic Air Quality Consultants, Inc. conducted an air sampling and inspections during the removal of sheet rock with visible mold on the 9<sup>th</sup> floor of Sigourney Street in Hartford on April 4, 2005 during second shift. The sheetrock was on the common wall between the Men's and Women's Bathroom and the South Office area. The sheetrock wall had two layers of 5/8" sheetrock on either side of the pipe chase that services the bathrooms. The sheetrock on the office side was removed in negative pressure containment by personnel from HazPros, Inc. The workers wore half face negative pressure air purifying respirators with high efficiency filters. Respirable particulate sampling was conducted outside of the containment during the sheetrock removal. The sampling was conducted using a direct reading TSI Dustrack (see attached calibration data in Enclosure (1)). The survey was conducted by a Certified Industrial Hygienist and Certified Safety Professional.

The results of the respirable particulate sampling are summarized in Enclosure (1). The dust levels were very low and well below the levels in most office building before and during the sheetrock removal. *All of the dust measurements were well below the OSHA PEL of 5.0 mg/M3 standards for respirable particulates.*

FACILITIES MANAGEMENT  
RUE 0-4  
2005 APR 19 PM 1:05

# TSI CERTIFICATE OF CALIBRATION AND TESTING

TSI Model 8520 DustTrak™ TSI Serial No. 23856  
 Description Aerosol Monitor



TSI Incorporated does hereby certify that all materials, components, and workmanship used in the manufacture of this equipment are in strict accordance with the applicable specifications agreed upon by TSI and the customer and with all published specifications. All performance and acceptance tests required under this contract were successfully conducted according to required specifications. There is no NIST standard for optical mass measurements. Calibration of this instrument performed by TSI has been done using emery oil aerosol and has been nominally adjusted to respirable mass of standard ISO 12103-1, A1 test dust (Arizona test dust.) Our calibration ratio is greater than 1.2:1.

Tom [Signature]  
 Calibrated by

☒ Final  
 Function Check

AUG 20, 2004  
 Calibration Date

TSI Incorporated  
 Health & Safety  
 Instruments Division

Mailing Address: P.O. Box 64394 St. Paul, MN 55164 USA  
 Shipping Address: 500 Cardigan Road St. Paul, MN 55126 USA  
 Phone: (800) 926-8378 or (651) 490-2760 Fax: (651) 490-2704



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The sheetrock removal indicated that the visible mold was confined to about a 2 ft2 area under the vinyl wall covering and two additional spots of 2 inches under the cove base a few away from the main area. A total of 16 feet by 16 inches of sheetrock were removed to ensure that all visible mold was removed. After the removal of the sheetrock it was noted that there was standing water directly beneath a pipe joint immediately adjacent to where the mold was discovered. It is possible that water is from a very slow leak in the pipes, condensation on the pipes, or from floor washing activities in the bathrooms. It is recommended that a removable panel be placed on the sheetrock wall in the area of the leak to facilitate further investigation and possible elimination of the source of the water.

Sincerely

Christopher J. Fident, CIH, CSP, RS    CEO



*Mystic Air Quality Consultants, Inc.*  
 1204 North Road, Groton, Connecticut 06340  
 www.mysticair.com image2@aol.com 800-247-7746

## AIR SAMPLING RESULTS

Site: 9<sup>th</sup> Floor 25 Sigourney Street Hartford

4/4/05

LOCATION	Time	Respirable particulates: Mg/M3	Comments
On desks adjacent To containment	6:15	0.002-0.004	Containment under construction
On desks adjacent To containment	6:30	0.002-0.004	Containment under construction
On desks adjacent To containment	7:30	0.002-0.006	Wall paper removal started
On desks adjacent To containment	8:00	0.002-0.008	Slight odor
On desks adjacent To containment	8:30	0.002-0.006	Sheetrock removal underway
On desks adjacent To containment	9:00	0.002-0.004	All sheetrock and paper removal and bagged
On desks adjacent To containment	9:30	0.002-0.004	Floors HEPA vacuumed

Average level during monitoring = 0.004 mg/M3

Equipment: TSI Dustrak, PPB-RAE

**invoice**

MYSTIC AIR QUALITY CONSULTANTS, INC.  
1204 North Road  
GROTON, CONNECTICUT 06340

DATE  
4/12/2005

INVOICE #  
8208

(860) 449-8903 Fax (860) 449-8860  
1-800-247-7746

BILL TO:

State of Connecticut Public Works  
Jaquelyn Brown  
165 Capitol Avenue, Rm. G-4  
Hartford, CT 06106

FACILITIES MANAGEMENT  
RM. G-4  
2005 APR 19 PM 1:05

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Please return green copy with your remittance. Thank you.

TOTAL

887.0

# invoice

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